

09501549.070504

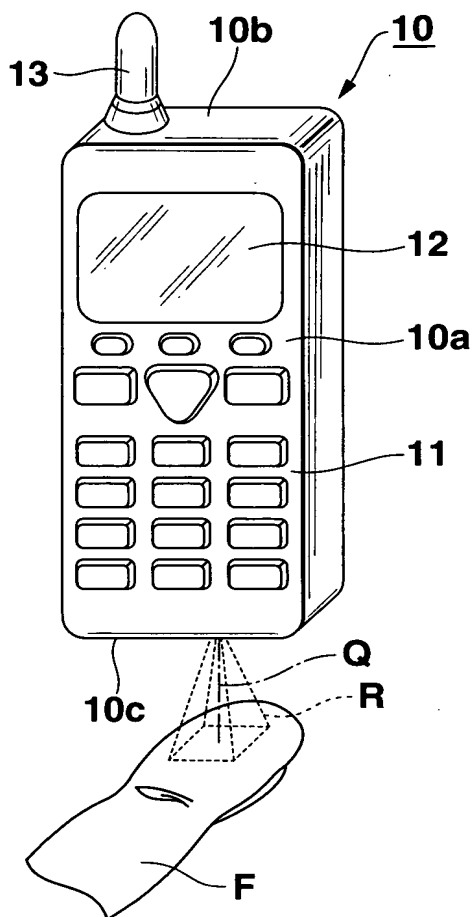


FIG. 1A

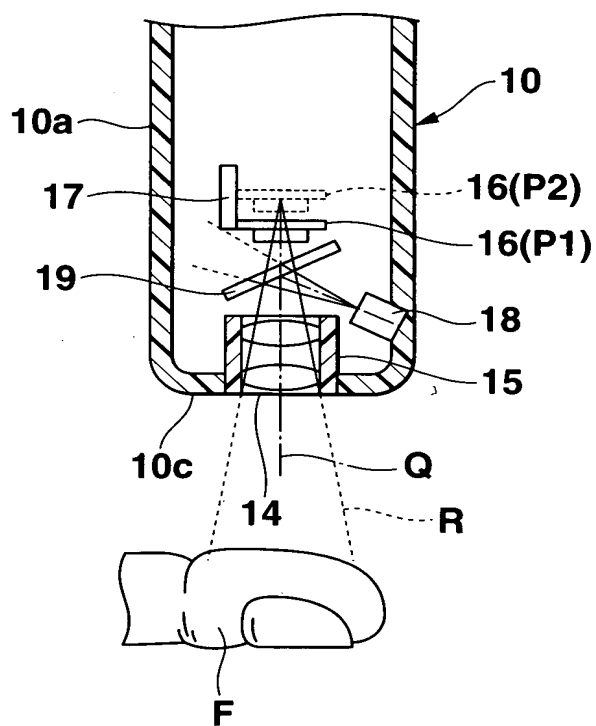


FIG. 1B

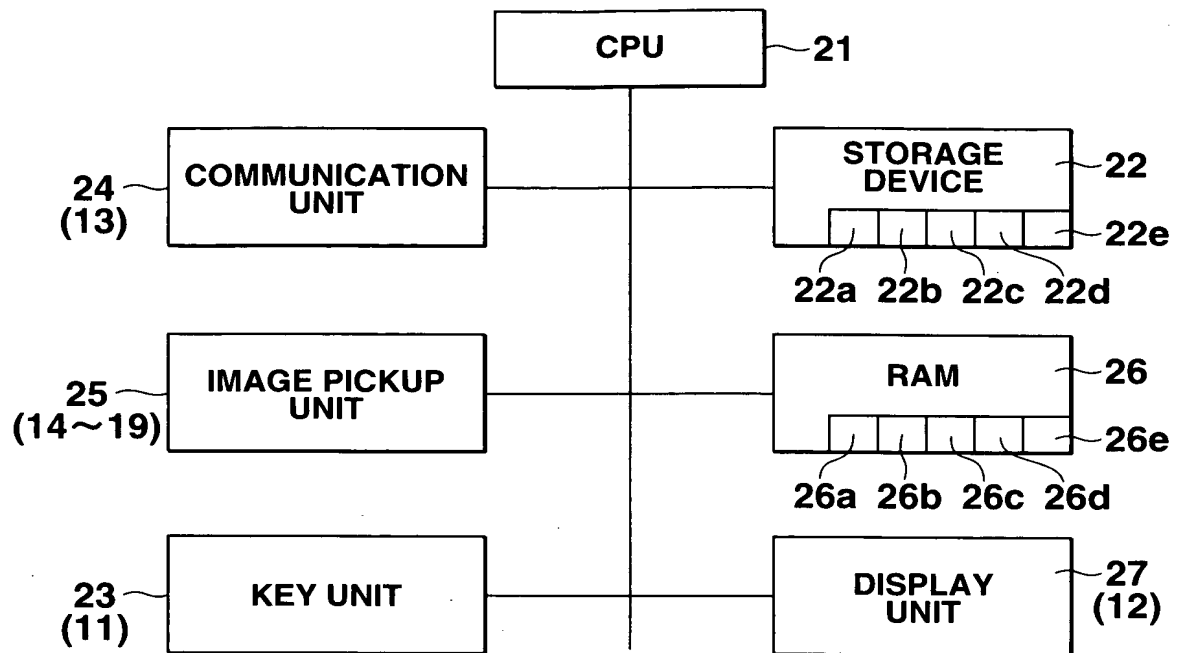


FIG.2

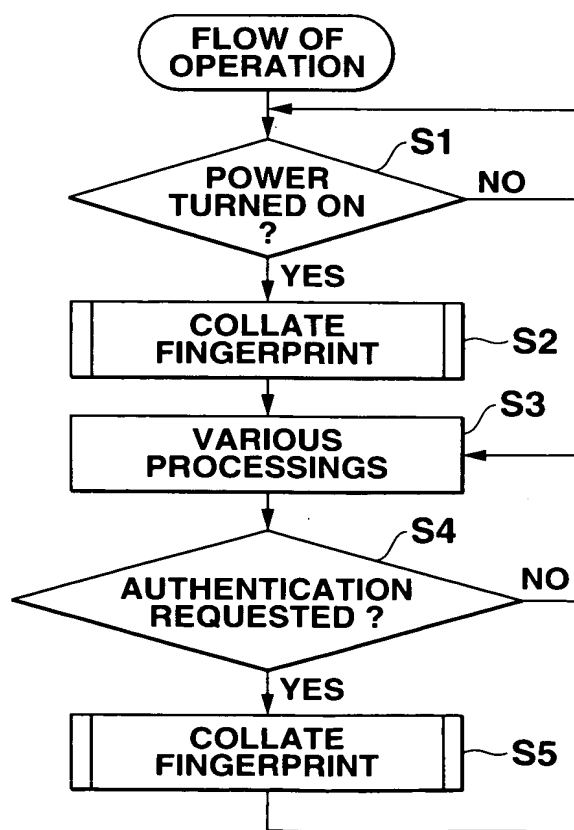


FIG.3

0901549.070904

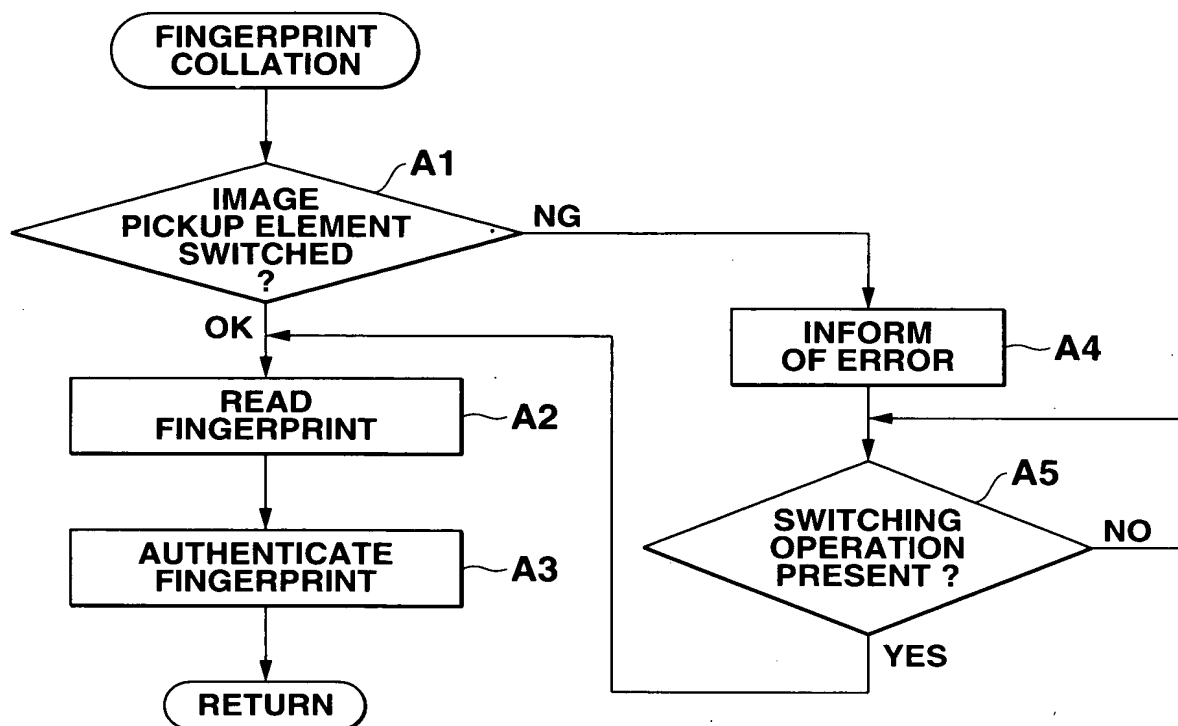


FIG.4

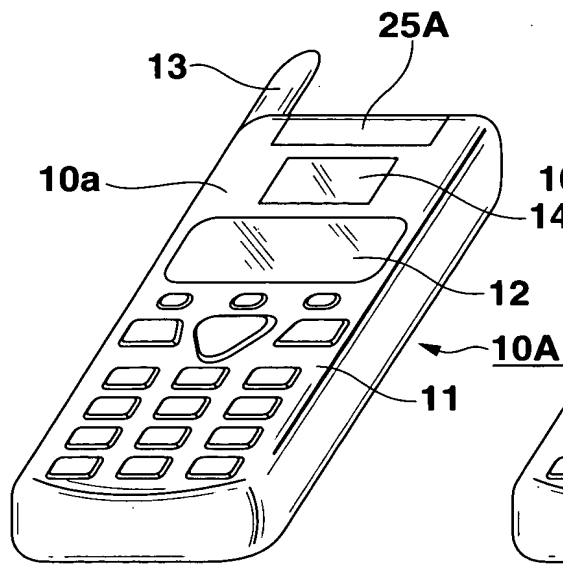


FIG. 5A

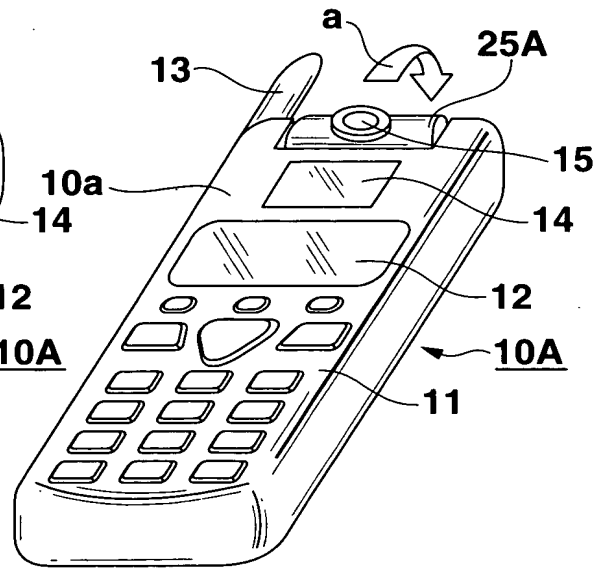


FIG. 5B

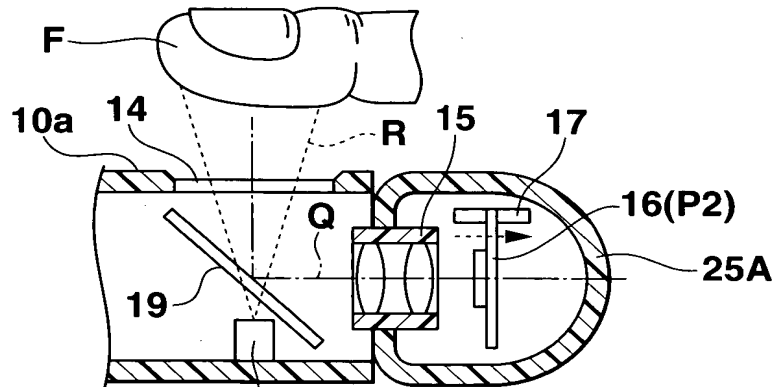


FIG. 6A

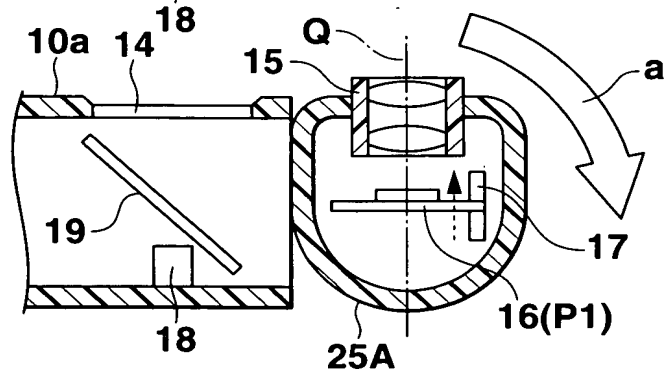


FIG. 6B

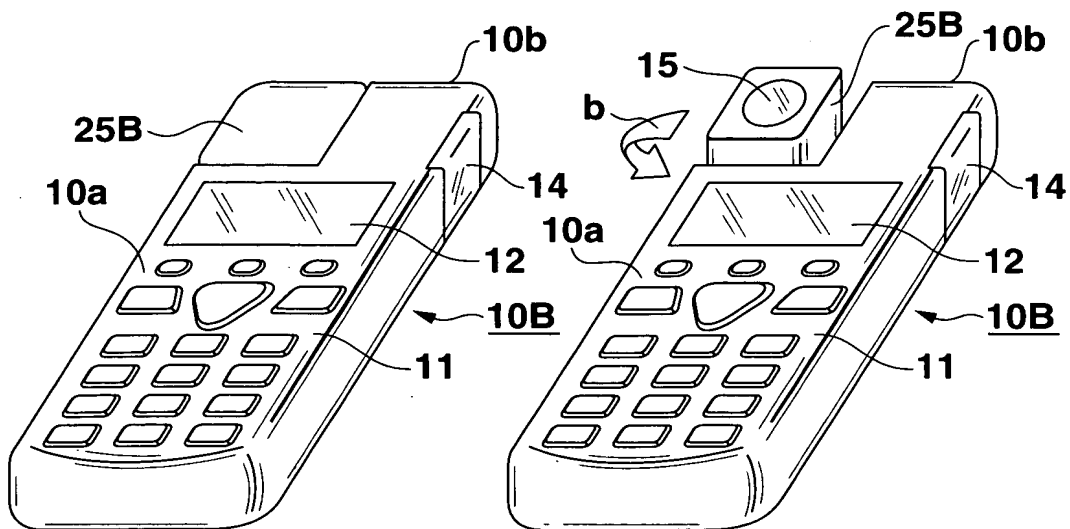


FIG. 7A

FIG. 7B

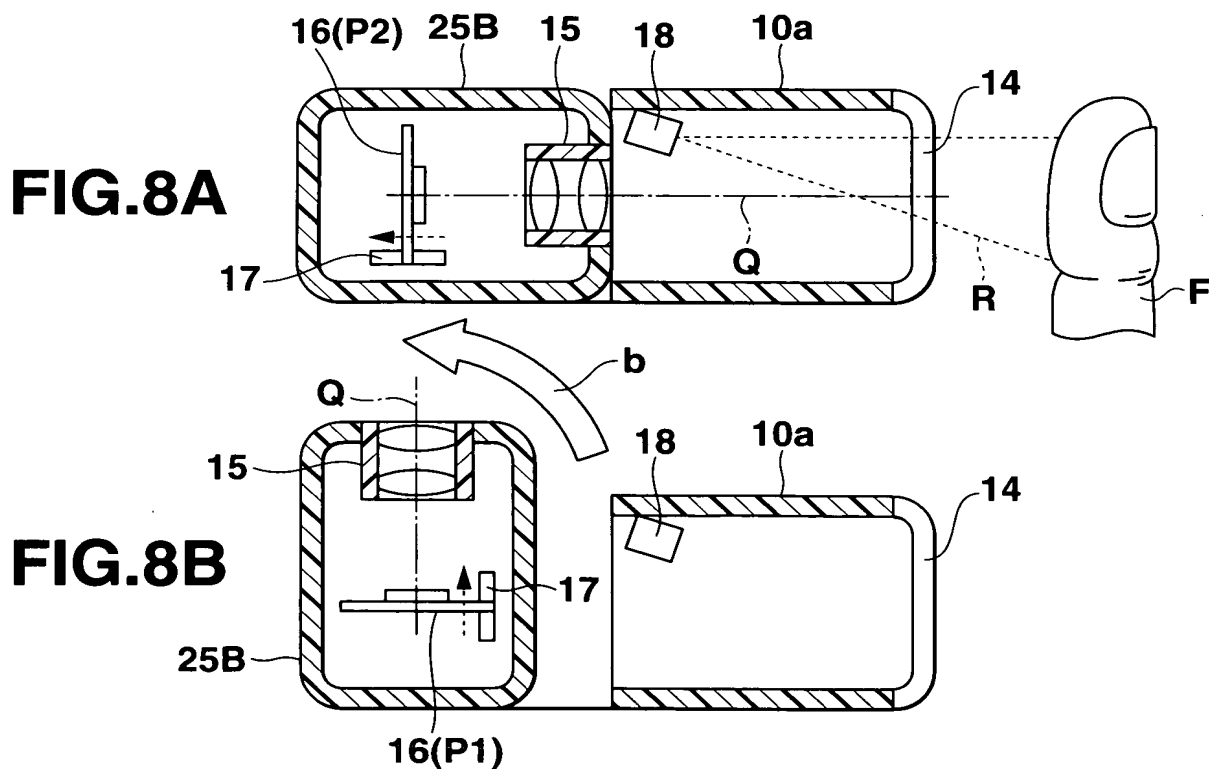


FIG. 8A

FIG. 8B

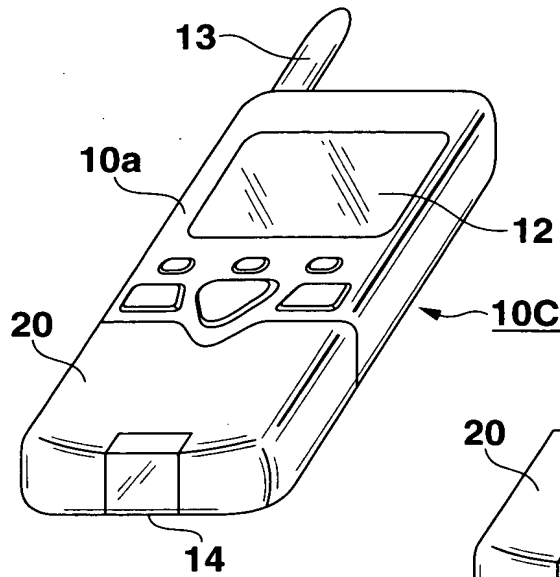


FIG. 9A

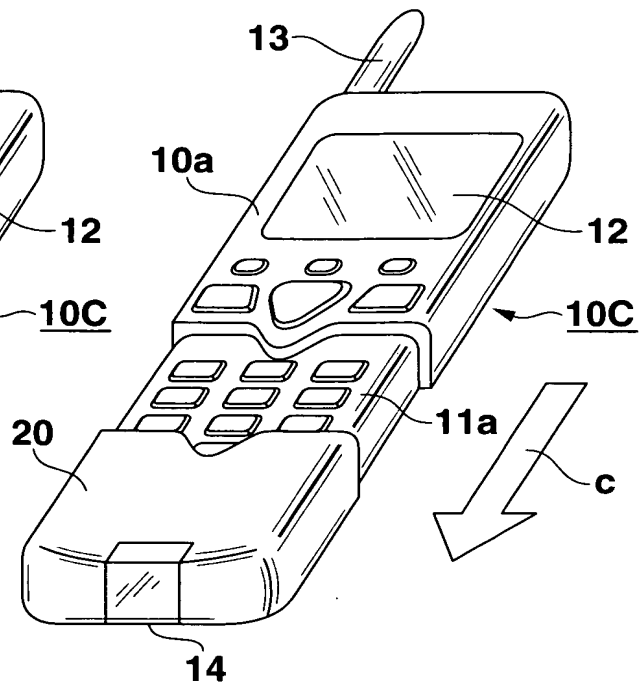


FIG. 9B

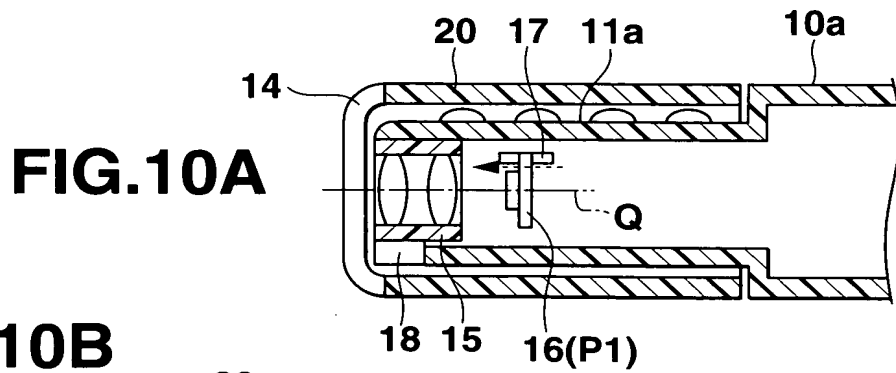


FIG. 10A

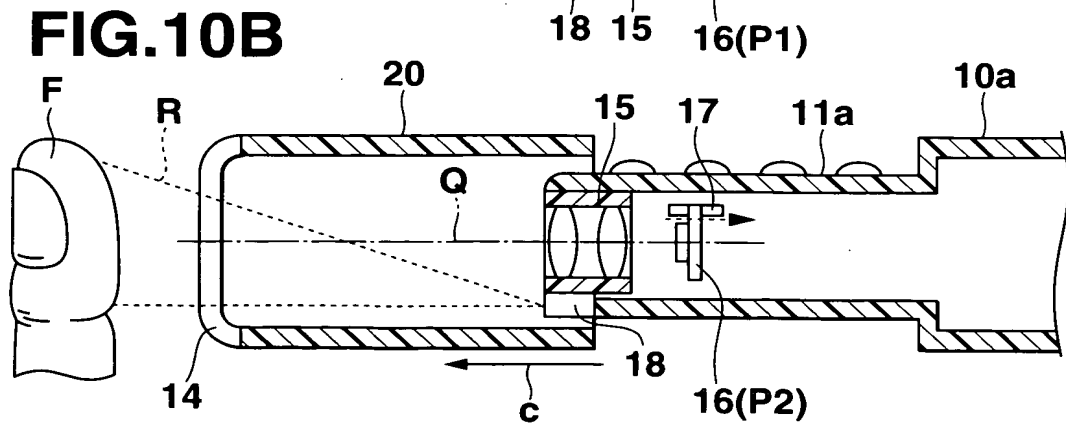


FIG. 10B

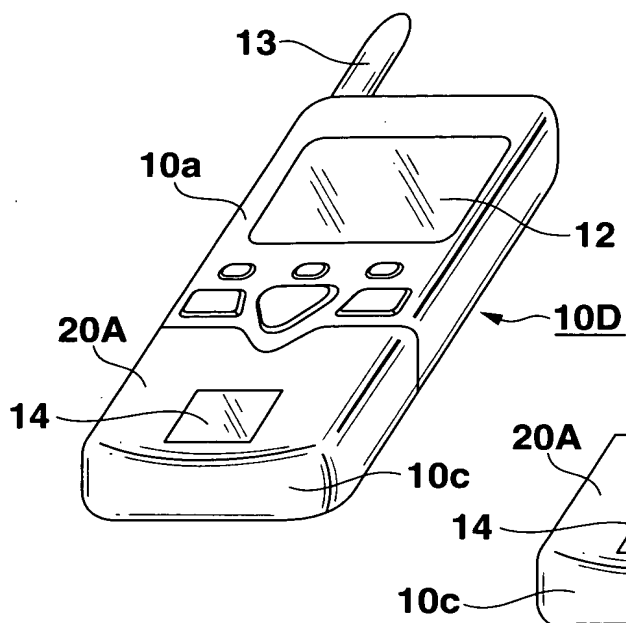


FIG. 11A

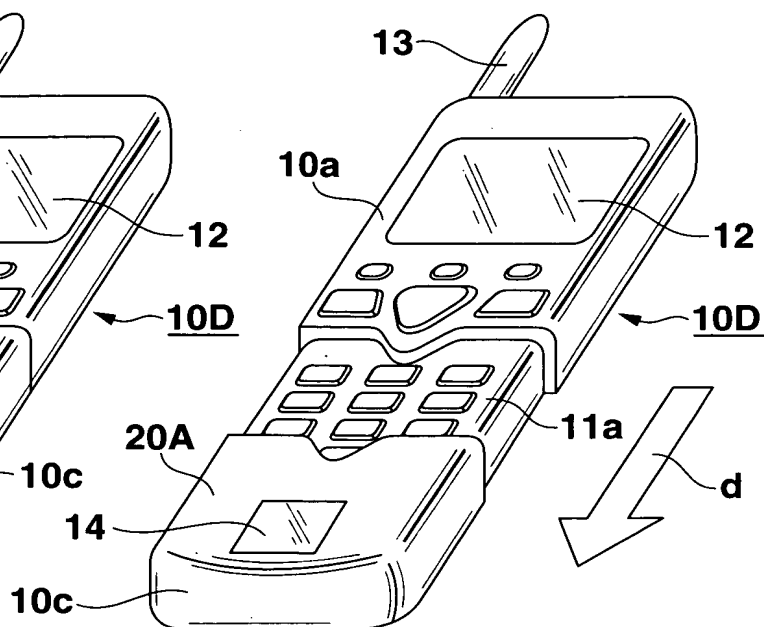


FIG. 11B

FIG. 12A

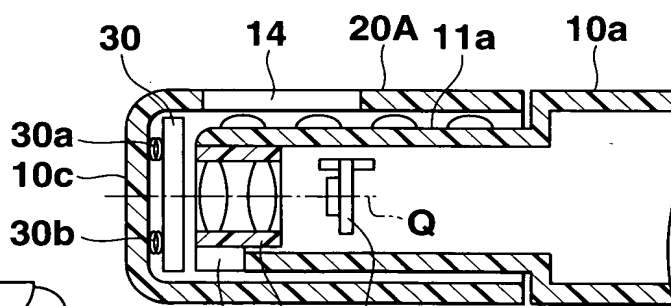
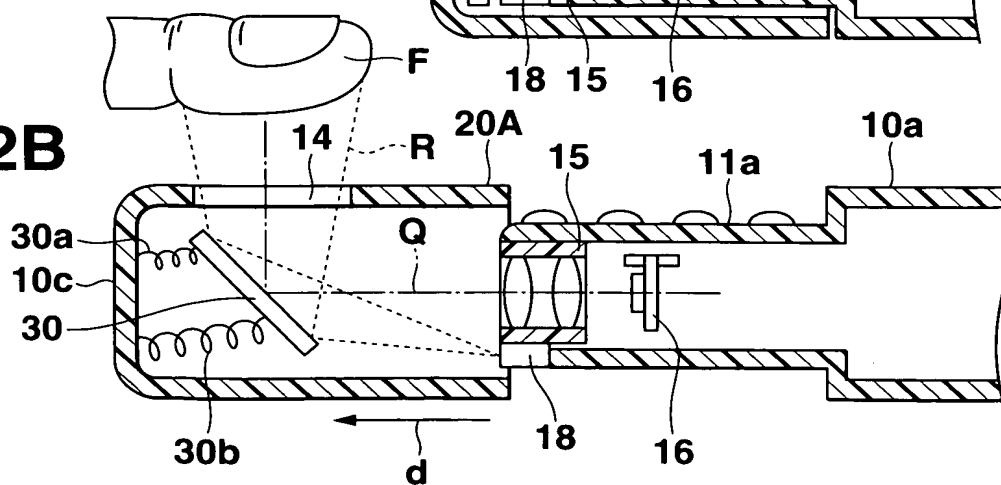


FIG. 12B



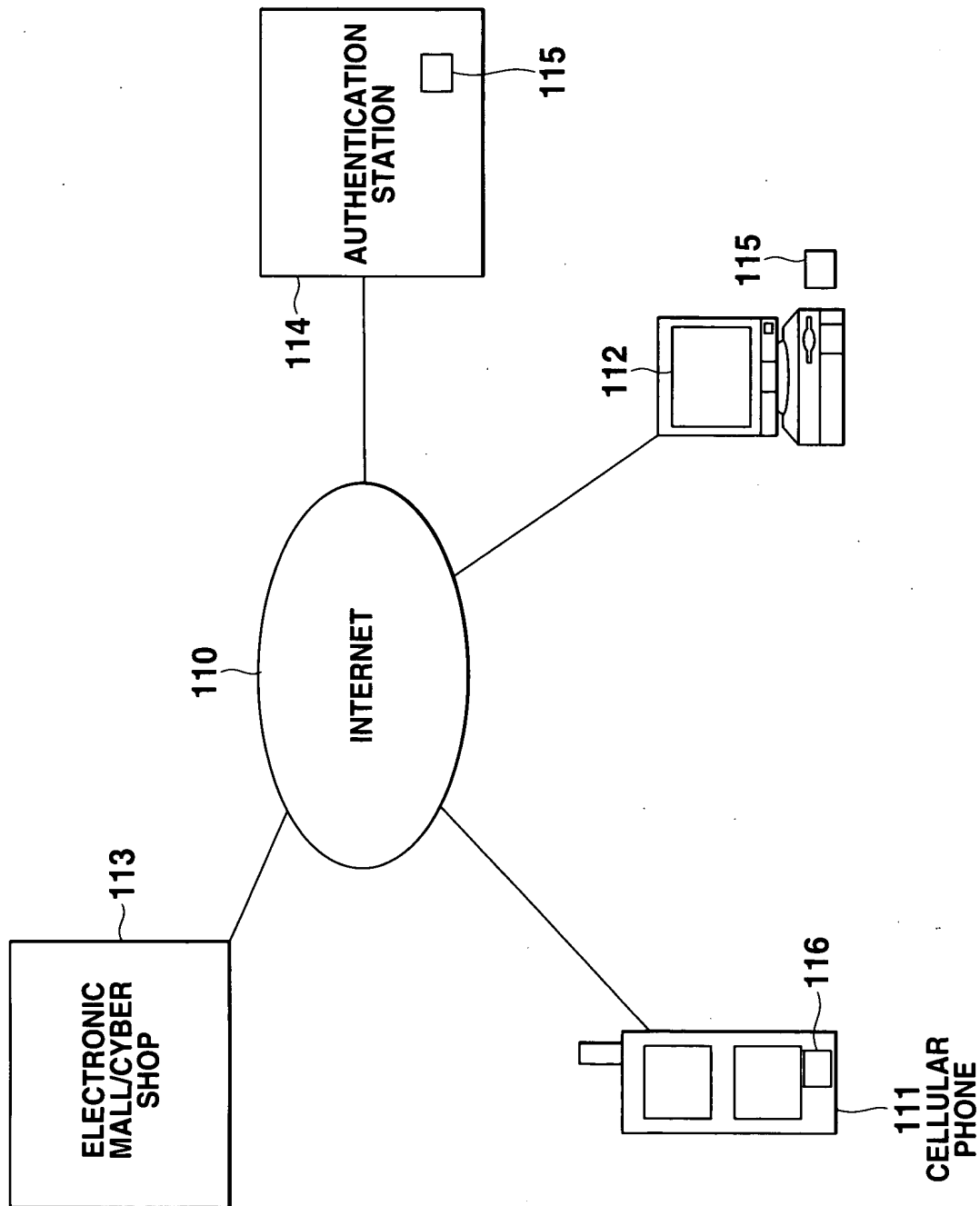


FIG.13

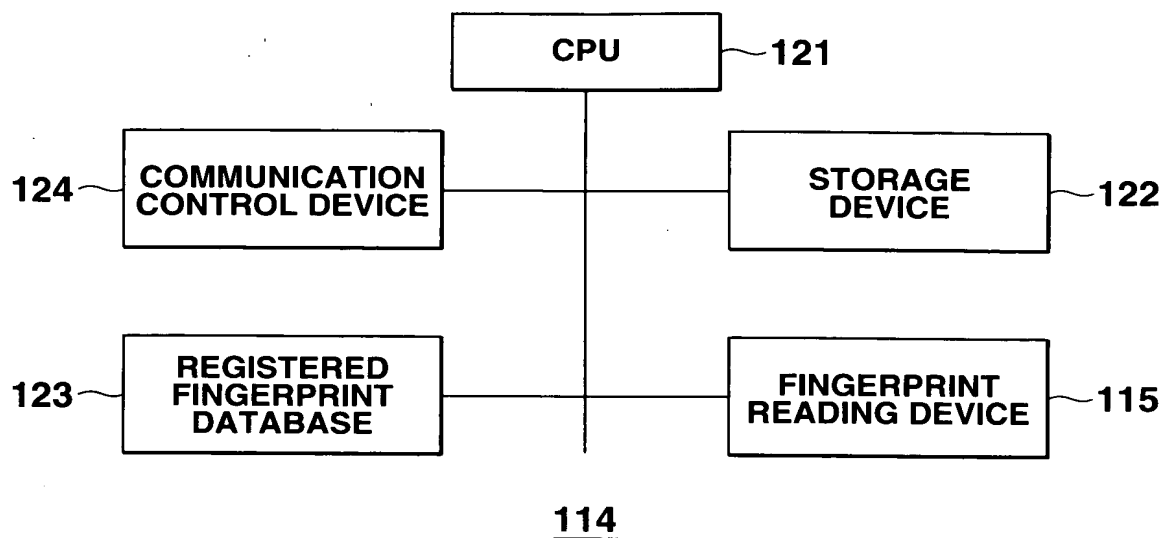


FIG.14

123 (SERVER REGISTRATION DATABASE)

NAME	ID	REGISTERED FINGERPRINT IMAGE	IMAGE SPECIFICATION	EXTERNAL OUTPUT	ENABLE TERMINAL
AIDA	0001		8 bit color, 300 × 300dot, 50mpitch	ENABLE	xxx
TANAKA	0002			DISABLE	
NAKAMATSU	0003			DISABLE	
MATSUMOTO					
MOTOKI					

FIG.15

09501549.070904
106020"64510660

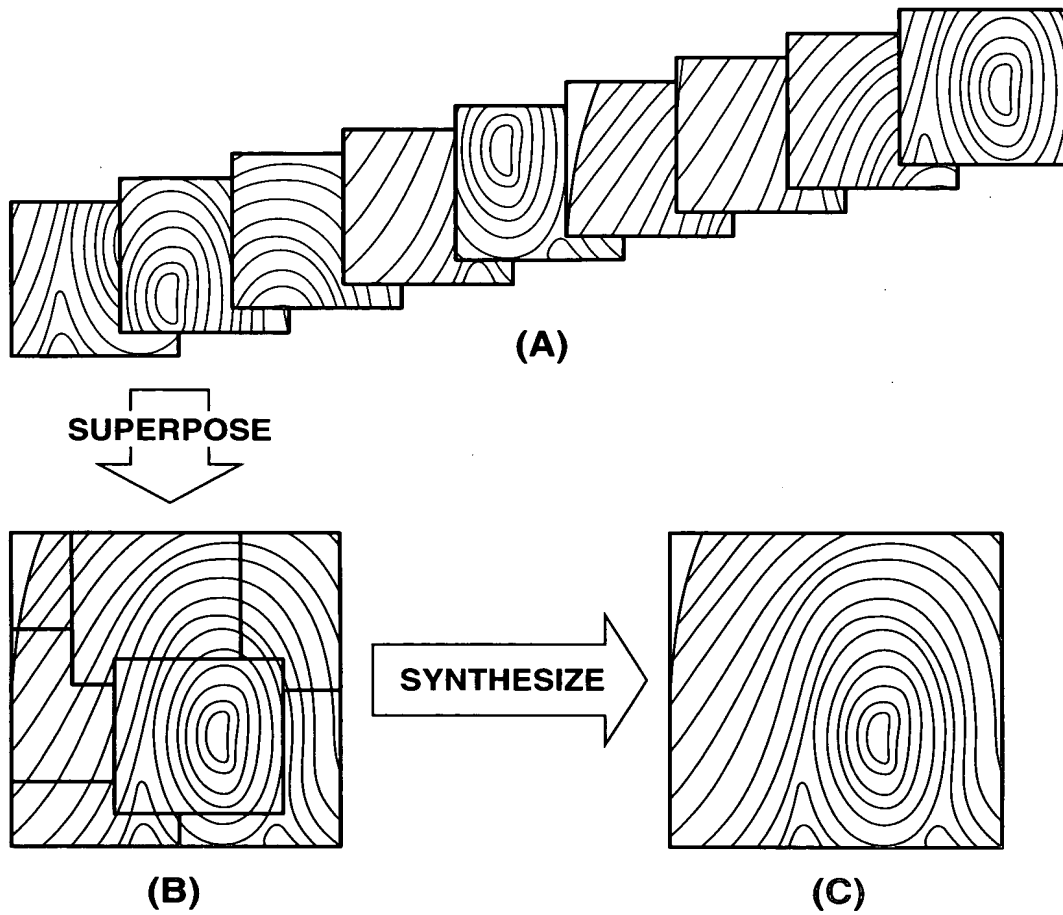


FIG.16

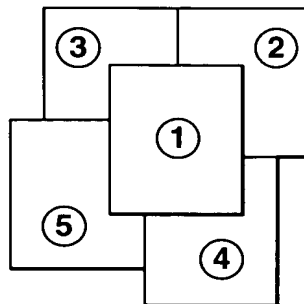


FIG.17

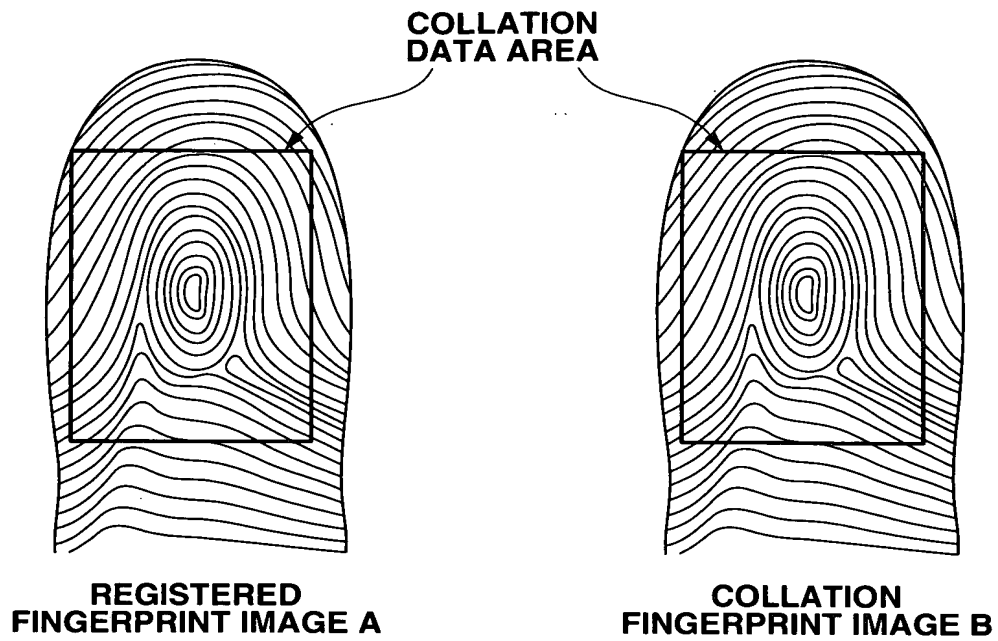


FIG.18

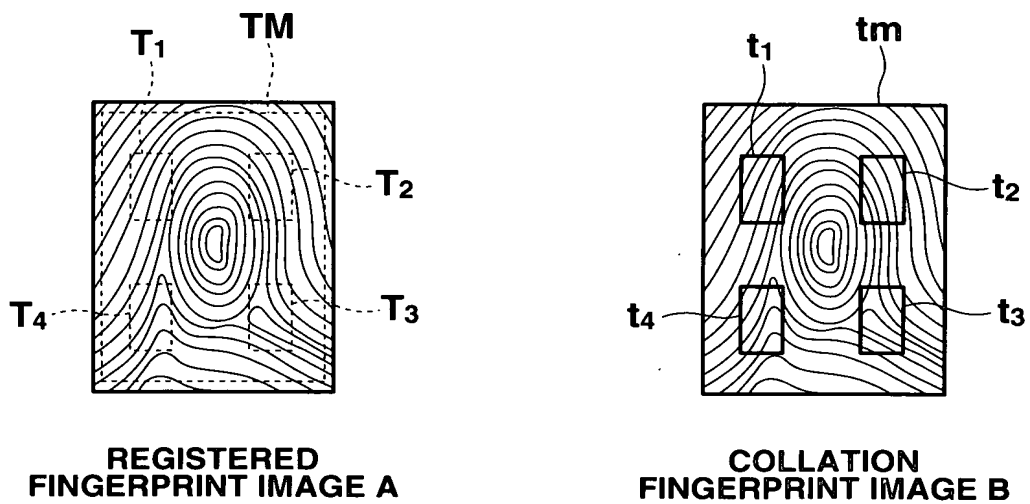


FIG.19

00001549 070901
105070 64510560

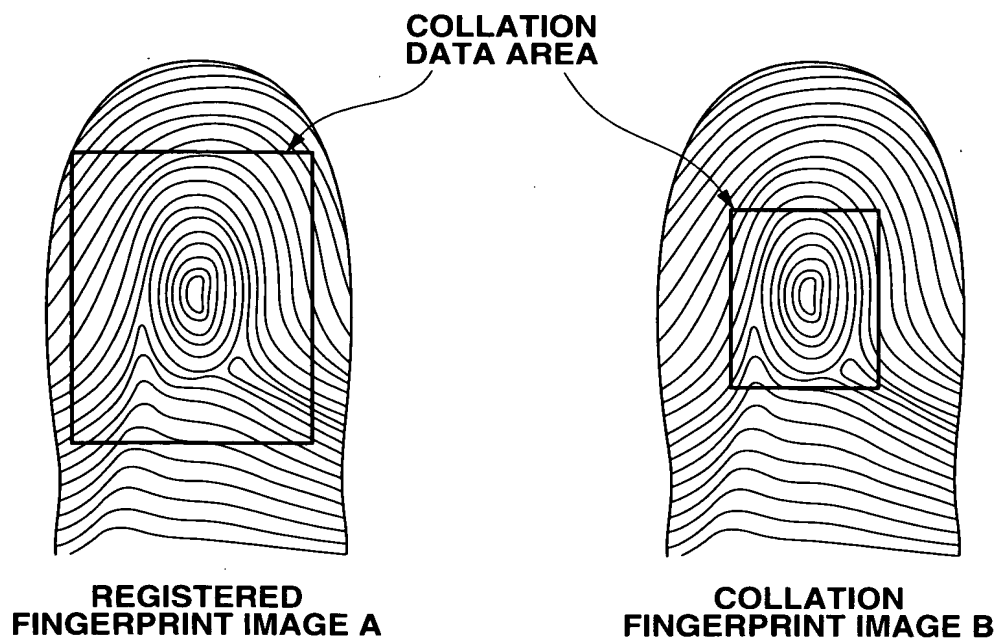


FIG.20

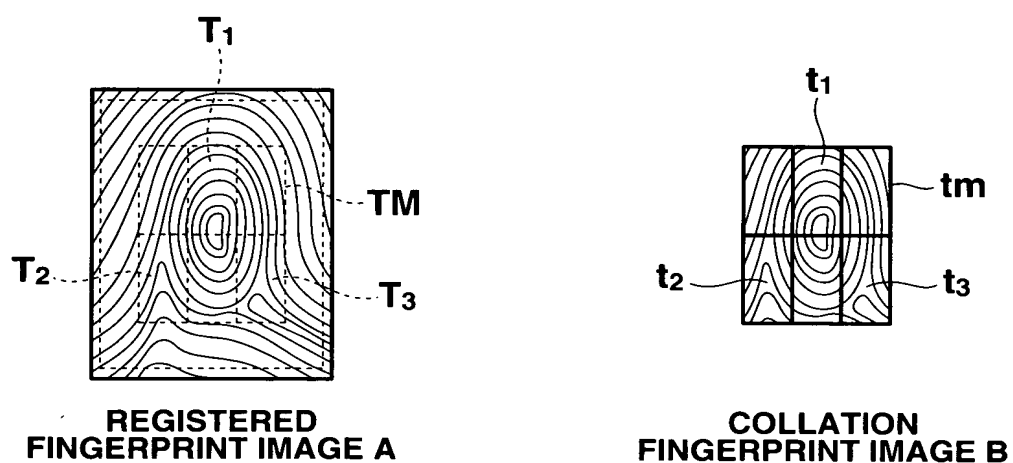


FIG.21

DATA SIZE	PIXEL PITCH	GRADATION DATA	TOP OR BOTTOM
--------------	----------------	-------------------	------------------

(IMAGE HEADER DATA)

FIG.22

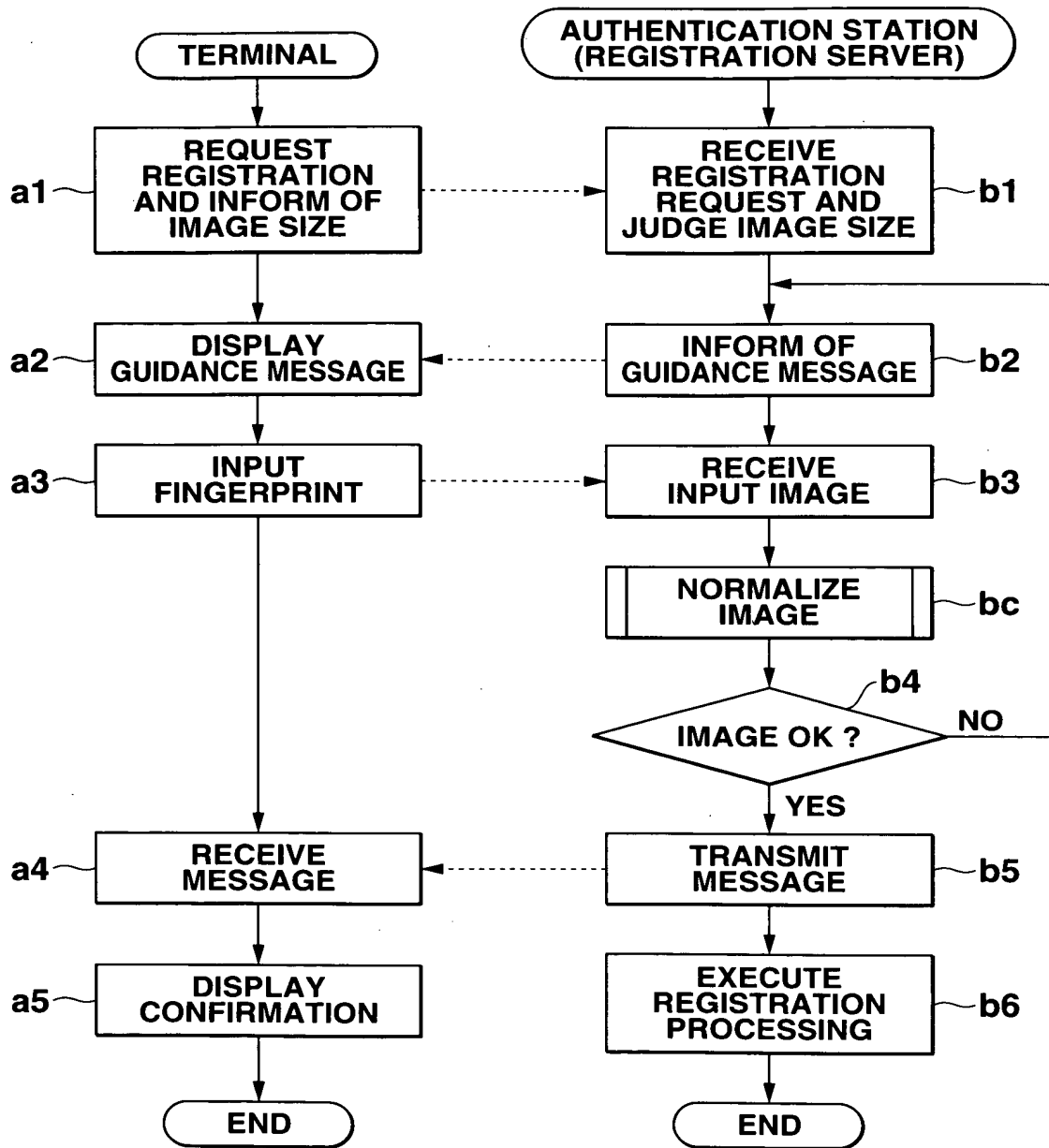


FIG.23

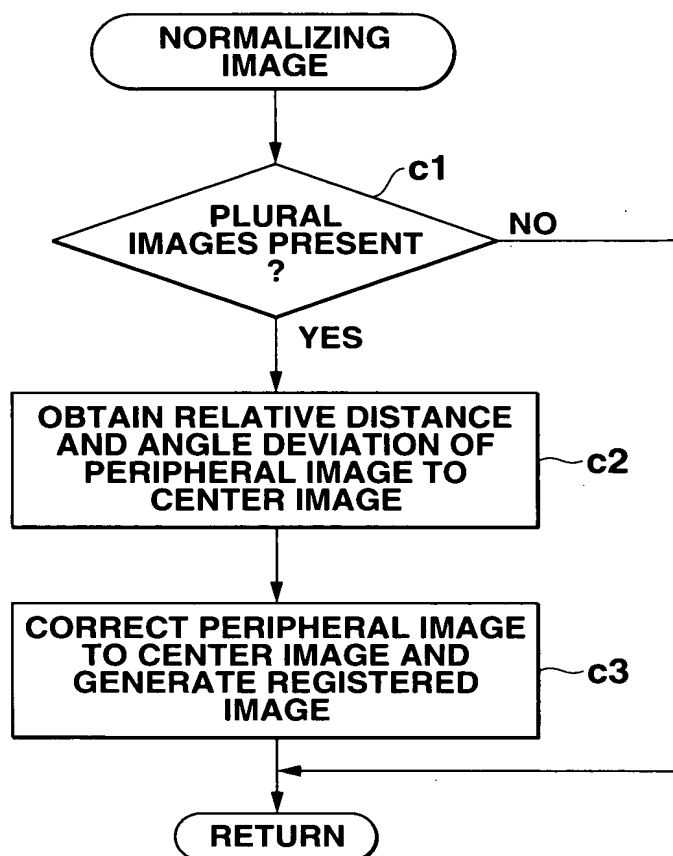


FIG.24

00004549.00001

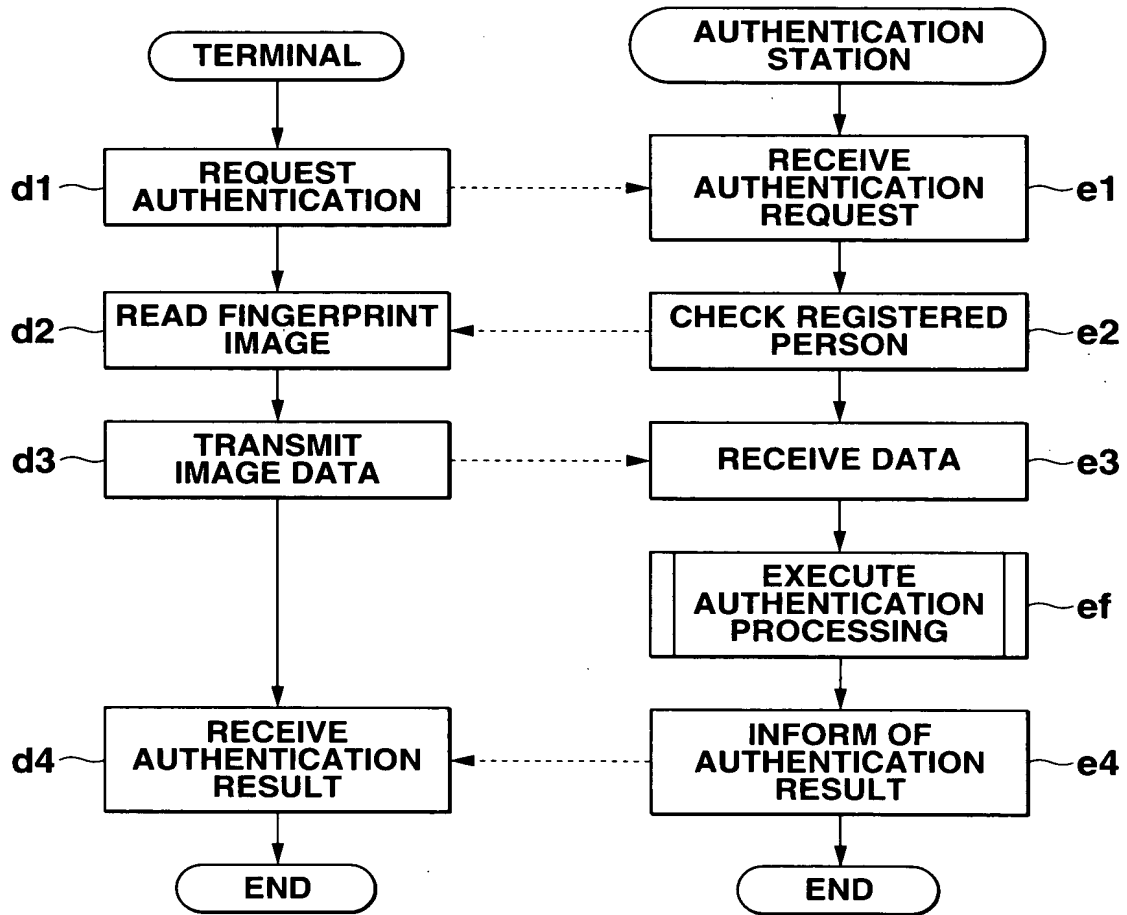


FIG.25

09501549.070901

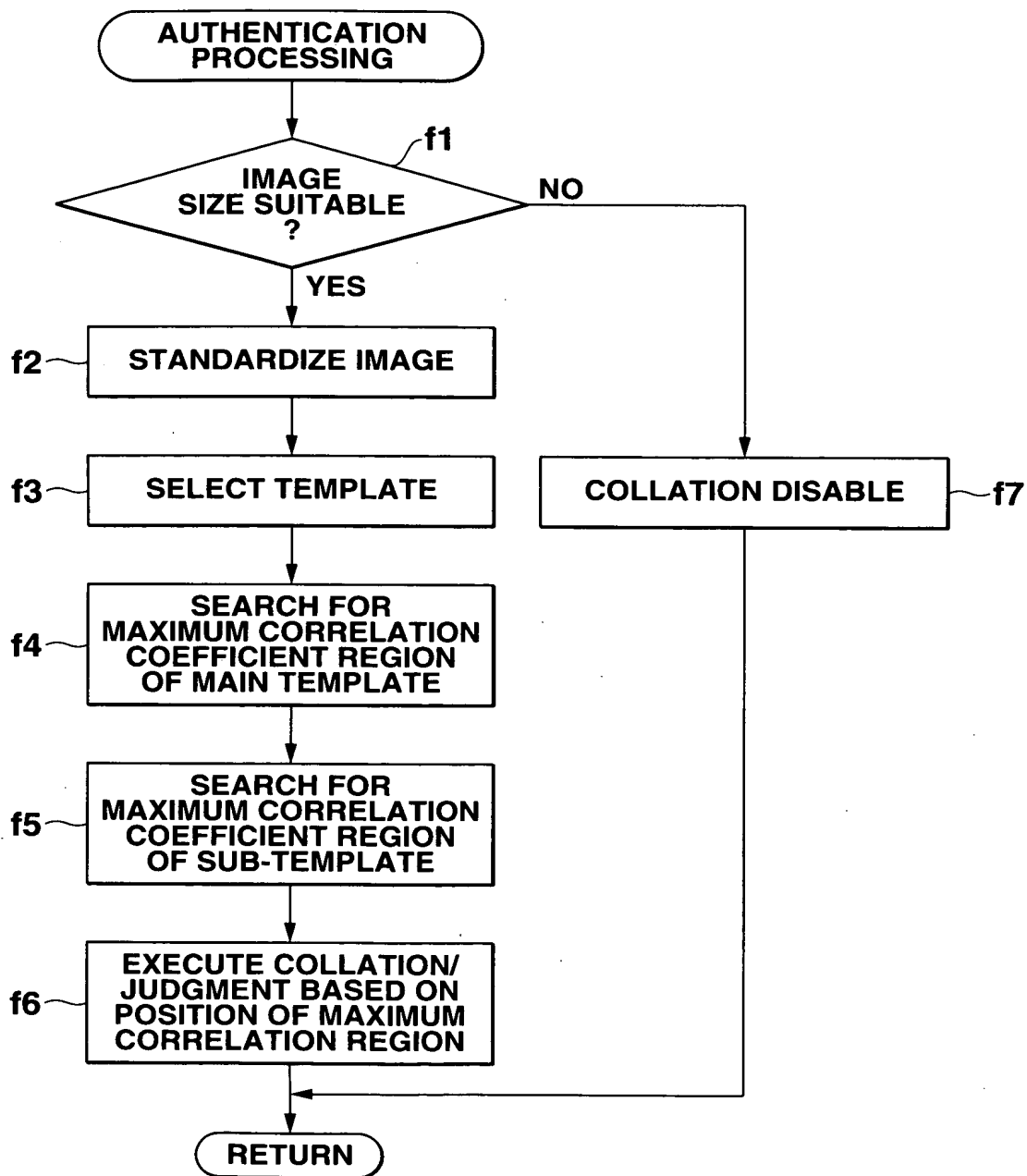


FIG.26


```
graph TD
    subgraph Terminal
        T1([TERMINAL]) --> T2[REQUEST FINGERPRINT DATA]
        T2 --> T3[RECEIVE FINGERPRINT DATA]
        T3 --> T4([END])
    end
    subgraph Authentication_Station [AUTHENTICATION STATION]
        A1[RECEIVE REQUEST] --> A2[CHECK TERMINAL FOR VALIDITY]
        A2 --> A3[EXECUTE IMAGE PROCESSING]
        A3 --> A4[TRANSMIT FINGERPRINT DATA]
        A4 --> A5([END])
    end
    T2 -.-> A1
    A4 -.-> T3
```

The flowchart illustrates the authentication process between a **TERMINAL** and an **AUTHENTICATION STATION**.

Terminal Process:

- REQUEST FINGERPRINT DATA** (labeled g1)
- RECEIVE FINGERPRINT DATA** (labeled g2)
- END**

Authentication Station Process:

- RECEIVE REQUEST** (labeled h1)
- CHECK TERMINAL FOR VALIDITY** (labeled h2)
- EXECUTE IMAGE PROCESSING** (labeled h3)
- TRANSMIT FINGERPRINT DATA** (labeled h4)
- END**

Data Flow:

- A solid arrow points from **REQUEST FINGERPRINT DATA** (Terminal) to **RECEIVE REQUEST** (Authentication Station).
- A dashed arrow points from **TRANSMIT FINGERPRINT DATA** (Authentication Station) to **RECEIVE FINGERPRINT DATA** (Terminal).

FIG.27